

## NORTHERN CALIFORNIA BOTANISTS

# BOTANICAL LEAFLETS

ISSUE 5

SPRING 2010



### PRESIDENT'S MESSAGE

It's springtime and with that the rains have held the flowers at the lower elevations longer than usual. We had a very successful Northern California Botanists Symposium for 2010 and are now busy developing our symposium for 2011.

We have planned a National Botanists Day event on the Plumas National Forest for June 17, 2010 and will visit the Valley Creek Special Interest Area. See details within the newsletter for this event.

The California Native Plant Society plans to have their next conference in San Diego

over the Martin Luther King holiday weekend in January of 2012. So, we will not have a symposium that year. Josie Crawford of CNPS asked if we could skip 2012 so CNPS could have their conference. Everyone on the board agreed that we will plan symposiums two years in a row then a year off to attend a CNPS conference. Hopefully that will be our schedule for a while.

We again solicited students to apply for our 2010-2011 student scholarships and are able to give out 7 student scholarships for \$1,000.00

each thanks to generous donations from our members. Hopefully a new batch of botanists doing vital work in Northern California will develop from those scholarships.

Our 2011 symposium will be January 10 and 11, 2011 at California State University, Chico. We plan to have workshops on January 12.

Have a wonderful spring and summer pursuing your many vast botanical adventures.

**Linnea Hanson**

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### CAN YOU NAME THIS PLANT?

Can you identify this annual that is 3.5 inches tall? It blooms from March to May. The calyx is 4-angled and 4-toothed (hint hint). There are 4 petals, 4 stamens and the stigma is 2-lobed. It is found in grassy, open places below 1000' in the North Coast Range, Central Sierra Nevada Foothills, Great Central Valley, and the Central Coast to Oregon. (Answer on Page 2)

*Photo by Robert Fischer*

## SAVE THE DATE IN 2011

The Northern California Botanists will host their 4<sup>th</sup> botanical symposium—complete with invited talks and with contributed posters—on Monday and Tuesday, 10-11 January, 2011. It will be held in the Bell Memorial Union on the campus of California State University, in Chico. Several botanical workshops may be held as well, on Wednesday 12 January.

As in the past, there will be the two-day schedule of talks by botanists

from northern California and adjacent regions. So far, plans have been made for sessions on biology of lichens, fire ecology, rare plants, and reproductive biology. As a new feature in this symposium, the Board of Directors is delighted to have three non-board members from different regions of northern California organizing and chairing sessions (of 4 speakers each). Other new features include having one of our eight sessions devoted to poster-viewing.

This afternoon poster session will transition into the social hour. The dinner and speaker will then be presented a bit earlier than in the past, but still on the Monday evening of the symposium.

The date and place are certain. Pass the word around. Please watch the Northern California Botanists web-page this summer for program and registration details. And plan your posters!

## CALL FOR POSTERS!

The NCB symposium planning committee invites you to share your work and knowledge of the biology, ecology, conservation and management of our Northern California plant life with others at the 2011 NCB Symposium. The 2011 poster session will be a dedicated event

with authors present, which will provide a great opportunity for continuing education and networking. The deadline for poster abstract submission is December 1, 2010. Poster abstract specifications and preparation guidelines: <http://www.csuchico.edu/biol/Herb/norcalbot/index.htm#A>

For questions about the poster session, contact Barbara Castro at [barbcastro@hotmail.com](mailto:barbcastro@hotmail.com)

## 2010 NCB SYMPOSIUM

The 2010 NCB Symposium, "Botanical Treasures in Northern California – What's at Stake?" was held at California State University in Chico on 11-13 January, 2010. Over 270 people attended, 46 of which were students. NCB again was able to provide student stipends to help with registration and travel. This conference represented the third symposium organized by NCB Board members and volunteers. A hearty thank you to all of you who participated, whether by organizing, donating, attending or volunteering!



Answer to "CAN YOU NAME THIS PLANT": *Cicendia quadrangularis* (Gentianaceae)

## 2010-2011 STUDENT RESEARCH SCHOLARSHIP AWARDS

Twenty-seven applications for research awards, from ten different universities in northern California, were received by the Scholarship Committee in the third annual scholarship competition offered by the Northern California Botanists.

Each of the five members on the Scholarship Committee read all of the applications before the committee selected the seven awardees. Committee members are impressed by the professional quality of the application write-ups, and also by the great diversity in botanical research being done by students in Northern California, and only wish that more of these worthy projects could be funded by NCB. Northern California Botanists are pleased to announce the seven awardees, along with their degree programs and the titles of their research projects. Each awardee will receive a check for \$1000 in August of 2010 from the Treasurer of NCB.

The 2010-2011 award recipients, their degree programs and universities, and the titles of their research projects include:

**Carla Fresquez** Ph. D. University of California, Santa Cruz

High marsh—upland ecotonal community dynamics: seed bank analysis and native and non-native germination and seedling physiological tolerances

**Barbara Going** Ph. D. University of California, Davis

Climate change and California grassland: are some communities more resistant than others?

**Matt Guilliams** Ph. D. University of California, Berkeley

Phylogenetic relationships and ecological speciation of the popcorn flowers (*Plagiobothrys*, Boraginaceae)

**Tim Hanson** M. S. California State University, Chico

Assessing the ecology and life history traits of a rare California endemic, *Monardella douglasii* ssp. *venosa* (Lamiaceae)

**Allison Kidder** Ph. D. University of California, Berkeley

Water relations of *Baccharis pilularis* DC seedling establishment in a changing climate

**Luc Lagarde** M. S. Humboldt State University

Developing tools for the estimation of the impact of invasive *Spartina densiflora* on the primary productivity of a Northern California salt marsh

**Susan Magnoli** M. S. Sonoma State University

Residual and community-level effects of iceplant on a coastal dune ecosystem in California

## 2010 NATIONAL BOTANISTS DAY OUTING

The Plumas National Forest will be leading a hike in honor of National Botanists Day on June 17, 2010.

We will hike the new trail which winds through the beautiful Valley Creek Special Interest Area, established for the unique plant community. This area is a rare example of old growth Sierran mixed conifer forest. We will hike the 2.5 mile loop trail and observe giant Douglas fir, incense cedar, and sugar pine. The hike is relatively easy but it is not

flat. The trail head is approximately three miles southwest of LaPorte, CA.



The hike will be led by Chris Christofferson, District Botanist on the Feather River Ranger District. We will meet at 9:00 AM in Oroville at the Feather River Ranger District, 875 Mitchell Ave. and caravan to the trail head. Bring a bag lunch, water, a sun hat, and sunscreen.

**Please RSVP to Chris @**  
[cchristofferson@fs.fed.us](mailto:cchristofferson@fs.fed.us)



NORTHERN CALIFORNIA  
BOTANISTS

c/o Chico State Herbarium  
California State University Chico  
Chico, CA 95929-0545

NCB 2011 SYMPOSIUM  
AT CSU CHICO  
JANUARY 10-12, 2011

DETAILS SOON!  
[WWW.NORCALTOTANISTS.ORG](http://WWW.NORCALTOTANISTS.ORG)

MEMBERSHIP APPLICATION

Name: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Email: \_\_\_\_\_

MEMBERSHIP DUES:

\_\_\_\_\_ Individual \$25.00 \_\_\_\_\_ Student \$15.00

\_\_\_\_\_ Organization \$40.00

In addition, I would like to donate \$\_\_\_\_\_ to Northern California Botanists  
to help fund NCB programs and student research scholarships.

Make checks payable to "Northern California Botanists" and mail to:

Northern California Botanists  
c/o Chico State Herbarium  
California State University, Chico  
Chico, CA 95929-0545

NCB is a federally recognized 501 (c) (3) non-profit organization.

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DONATIONS ALSO  
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